1. Record Nr. UNICAMPANIAVAN00124695

Autore	Ovchinnikov, Sergei
Titolo	Functional Analysis : An Introductory Course / Sergei Ovchinnikov
Pubbl/distr/stampa	Cham, : Springer, 2018
Descrizione fisica	xii, 205 p. : ill. ; 24 cm
Soggetti	46B15 - Summability and bases; functional analytic aspects of frames in Banach and Hilbert spaces [MSC 2020] 46B25 - Classical Banach spaces in the general theory [MSC 2020] 46B45 - Banach sequence spaces [MSC 2020] 46Cxx - Inner product spaces and their generalizations, Hilbert spaces [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910367567003321

Autore	Kumar Lalit
Titolo	Remote Sensing of Above Ground Biomass / Lalit Kumar, Onisimo Mutanga
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039212101 3039212109
Descrizione fisica	1 electronic resource (264 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Sommario/riassunto

Above ground biomass has been listed by the Intergovernmental Panel on Climate Change as one of the five most prominent, visible, and dynamic terrestrial carbon pools. The increased awareness of the impacts of climate change has seen a burgeoning need to consistently assess carbon stocks to combat carbon sequestration. An accurate estimation of carbon stocks and an understanding of the carbon sources and sinks can aid the improvement and accuracy of carbon flux models, an important pre-requisite of climate change impact projections. Based on 15 research topics, this book demonstrates the role of remote sensing in quantifying above ground biomass (forest, grass, woodlands) across varying spatial and temporal scales. The innovative application areas of the book include algorithm development and implementation, accuracy assessment, scaling issues (local-regional-global biomass mapping), and the integration of microwaves (i.e. LiDAR), along with optical sensors, forest biomass mapping, rangeland productivity and abundance (grass biomass, density, cover), bush encroachment biomass, and seasonal and long-term biomass monitoring.